

# **Mendocino Complex**

## **Incident Action Plan**

**Day Shift September 25<sup>th</sup>, 2018 (0700 – 1900)**



### **TRANSFER OF COMMAND TODAY!**

- **Know the Who, What, When, Where and Why**

### **DRIVING HAZARDS**

- **School is in session in Stonyford, drive accordingly**
- **Use Flashers, Emergency Lights and Caution Cones or Triangles while working along roadways.**
- **Avoid distractions (eating, cell phones, radio, etc.)**
- **Observe speed limits.**


**Maintain a High Level of  
Situational Awareness  
CA-MEU-008674, PNL1VW18 (0502)  
Mendocino National Forest**



INCIDENT OBJECTIVES	1. Incident Name <b>Mendocino Complex</b>	2. Date <b>09/24/2018</b>	3. Time <b>1600</b>
<b>4. Operational Period</b> <b>September 25, 2018 DAY SHIFT</b>			
<b>LEADERS INTENT:</b> <ul style="list-style-type: none"> <li>Evaluate all incident management actions in consideration of values at risk and the probability of success. Utilize a combination of appropriate tactics to provide for responder safety while minimizing responder exposure to hazards.</li> </ul>			
<b>CONTROL OBJECTIVES:</b> <ul style="list-style-type: none"> <li>Keep the Ranch Fire within current containment lines.</li> </ul>			
<b>MANAGEMENT OBJECTIVES:</b> <ul style="list-style-type: none"> <li>Ensure firefighter, public, and aviation safety are the highest priorities.</li> <li>Protect private property, improvements, and infrastructure.</li> <li>Ensure coordinated, timely, and accurate release of public information.</li> <li>Continue fostering and maintaining relationships with all cooperators and stakeholders.</li> <li>Minimize impacts to natural resources, cultural and heritage resources, and the Snow Mountain Wilderness.</li> <li>Coordinate with Resource Advisors to implement suppression repair according to the plan and agency policy.</li> <li>Coordinate with BAER Resources to ensure accountability and logistical needs.</li> </ul>			
<b>7. General Safety Message</b> <ul style="list-style-type: none"> <li>See attached safety messages.</li> </ul>			
<b>8. Attachments (mark if attached)</b>			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Weather	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input checked="" type="checkbox"/> ICS215a	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input checked="" type="checkbox"/> ICS 220	<input type="checkbox"/> Rehab Considerations	
<b>9. Prepared by (Planning Section Chief)</b> <b>Alan Taylor</b>		<b>10. Approved by (Incident Commander)</b> <b>Jason Kraling</b>	



## ORGANIZATION ASSIGNMENT LIST (ICS 203)

<b>1. Incident Name:</b>		<b>2. Operational Period:</b> 0700-1900	
MENDOCINO COMPLEX		Date/Time From: 09/25/2018 0700	Date/Time To: 09/25/2018 1900 TUE
<b>3. Incident Commander(s) and Command Staff:</b>			
IC	JASON KRALING; NICK MATHESON (T) TROY BELL (T)		
SAFETY OFFICER	DAVID GLENN		
INFORMATION OFFICER	SANDRA MOORE		
<b>4. Agency/Organization Representative(s):</b>			
Agency/Organization	Name		
USFS	ANN CARLSON		
UPPER LAKE RANGER DISTRICT	FRANK AEBLY		
STONYFORD RANGER DISTRICT	CHRISTINE HILL		
OES	DAVE FRANKLIN		
CCC	KEN MCDONALD		
LEAD READ	PAULA POWERS		
<b>5. Planning Section:</b>			
CHIEF	ZACHARY RICH		
DOCUMENTATION UNIT	MICHELLE HALE		
<b>6. Logistics Section:</b>			
CHIEF	PRAWITT HESS		
FACILITIES UNIT	JANINE HAMMOND		
GROUND SUPPORT UNIT	WILLIAM FOUTS (T)		
SUPPLY UNIT	DAVID ALICEA		
SECURITY UNIT	PHOUVA VORAPANYA JOE MEEKINS		
COMMUNICATIONS UNIT	STEVE BONAR STEPHANIE MCBRIDE		
<b>7. Operations Section:</b>			
OPS SECTION CHIEF	REY REYES		
PLANNING OPS	JEFF DUPRAS (T)		
DIVISION A/G	SHANNON BANKS		
DIVISION H/I	KRIS SHROEDER DANIEL GUSE (T)		
DIVISION J/K/L	SHAWN BUTTERBACH		
<b>8. Finance/Administration Section:</b>			
CHIEF	LOIS CHARLTON		
TIME UNIT	LOUISE CASIAS HOLLY CARDOZA		
<b>9. Prepared By:</b> Name: JENNIFER MARTIN Position/Title: RESL Signature: 			
ICS 203	IAP Page	Date/Time: 09/24/2018 2000	

**September 25 Spot Wx Forecast for *west side* of Ranch Fire  
(NWS Eureka)**

...Weak Offshore Flow Through Tuesday With Locally Gusty East and Northeast Winds Along Highest Interior Slopes and Ridges...

.DISCUSSION...Northeast wind and low RH are expected for the highest elevations of interior Mendo through Tuesday morning. Above normal temperatures and dry conditions will continue under a strong ridge aloft...but winds will diminish through mid week. Cooler weather with higher RH and a 30% chance of no more than a tenth of an inch for the fire area on Saturday.

.TUESDAY...

Sky/weather.....Sunny.  
Max temperature.....85-91.  
Min humidity.....14 - 19 percent.  
Wind (20 ft).....Northeast winds around 5 mph in the morning...becoming west or upslope 4 to 8 mph.  
Mixing height.....0 ft AGL increasing to 1600-2100 ft AGL late in the morning.  
Transport winds.....North around 5 mph.  
CWR.....0 percent.  
LAL.....1.

.TUESDAY NIGHT...

Sky/weather.....Clear.  
Min temperature.....50-60.  
Max humidity.....31-41 percent.  
Wind (20 ft).....West winds around 5 mph...shifting to the northeast after midnight.  
Mixing height.....0-1600 ft AGL.  
Transport winds.....North around 5 mph.  
CWR.....0 percent.  
LAL.....1.

.WEDNESDAY...

Sky/weather.....Sunny.  
Max temperature.....86-93.  
Min humidity.....9-13 percent.  
Wind (20 ft).....Northeast winds around 5 mph in the morning...upslope or west 3 to 7 mph.  
Mixing height.....0 ft AGL increasing to 1500-2300 ft AGL late in the morning.  
Transport winds.....Northwest around 6 mph.  
CWR.....0 percent.  
LAL.....1.

**September 25 Spot Wx Forecast for *east side* of Ranch Fire  
(NWS Sacramento)**

**...RED FLAG WARNING IN EFFECT UNTIL 5 PM PDT TUESDAY..**

.DISCUSSION...Breezy dry north winds expected at the burn site today through Tuesday. Relative humidities in the single digits are possible this afternoon, with poor recoveries overnight. Lighter winds are expected Wednesday with slowly increasing humidity and cooler temperatures by the end of the week.

.TUESDAY...

Sky/weather.....Sunny.  
Max temperature.....82-92.  
Min humidity.....8-13 percent.  
Wind (20 ft).....  
Slope/valley.....North winds 5 to 11 mph. Gusts up to 25 mph in the morning.  
Ridgetop.....North around 8 mph.  
Mixing height.....Increasing to 2800-3600 ft AGL early in the afternoon.  
Transport winds.....North 5 to 10 mph.  
CWR.....0 percent.  
LAL.....1.

.TUESDAY NIGHT...

Sky/weather.....Clear.  
Min temperature.....56-64.  
Max humidity.....21-32 percent.  
Wind (20 ft).....  
Slope/valley.....North winds 4 to 9 mph.  
Ridgetop.....Variable up to 5 mph.  
Mixing height.....Decreasing to 100 ft AGL early in the evening.  
Transport winds.....Variable up to 5 mph.  
CWR.....0 percent.  
LAL.....1.

.WEDNESDAY...

Sky/weather.....Sunny.  
Max temperature.....83-93.  
Min humidity.....7-12 percent.  
Wind (20 ft).....  
Slope/valley.....Northwest winds 5 to 10 mph with gusts to around 20 mph shifting to the northeast up to 10 mph in the afternoon.  
Ridgetop.....Variable up to 5 mph.  
Mixing height.....Increasing to 4600 ft AGL early in the afternoon.  
Transport winds.....Variable up to 5 mph.  
CWR.....0 percent.  
LAL.....1.



# FIRE BEHAVIOR FORECAST

<b>FORECAST NUMBER:</b> 59	<b>TYPE OF FIRE:</b> Wildfire
<b>FIRE NAME:</b> Ranch Fire	<b>OPERATIONAL PERIOD:</b> Sept. 25 <sup>th</sup> 0700-1900
<b>DATE ISSUED:</b> September 24 <sup>th</sup>	<b>TIME ISSUED:</b> 1500
<b>UNIT:</b> Mendocino National Forest	<b>SIGNED:</b> Mike Beasley EFRAN

## INPUTS

### DISCUSSION:

**\*\*For specific weather information, see Spot Weather Forecasts (east & west)\*\***  
**\*\*\*Red Flag Warning in Effect Today through 1700 hrs.\*\*\***

## OUTPUTS

**GENERAL:** Smoldering with minimal active fire behavior expected today. All activity will occur inside the containment lines where islands and pockets of fuel are burning off. No new perimeter growth is expected. Cooler conditions with higher humidity will continue to dampen fire activity within the perimeter. South facing slopes with available fuels may show smoke by early afternoon. Expect unburned fuels on Crockett and St. John's Peaks to intermittently consume and produce light smoke. Live and dead/down fuel moistures are very low. Short runs are possible in all fuel types when wind and slope align.

At the head of the fire in an unburned island or initial attack of a slopover or new fire, *for those conditions where wind and slope are in alignment*, expect:

Fuel Type	Max Flame Length	Max Rate of Spread	Spotting	Probability of Ignition-Day
Grass (gr4)	10-25'	80-586 ch/hr	< 0.5 mi	97-100%
Brush (sh7)	13-28'	33-166 ch/hr	< 0.5 mi	97-100%
Timber Understory (tu5)	8-16'	9-39 ch/hr	< 0.5 mi	97-100%
Timber Litter (reburn) (tl3)	1-2'	2-6 ch/hr	< 0.5 mi	97-100%

### SPECIFIC FIRE BEHAVIOR:

#### All Branches

Interior smoldering in stumps, logs and duff layer. Watch for areas where incomplete burns occurred, allowing for possible reburns. Burn down period will temper fire behavior. Keep alert to clearer days with warmer temperatures, which could lead to increased fire behavior.

#### New Fires

Expect light flashy fuels (grasses, long-needed pine litter) to be the predominant carrier of the fire. Spread will be primarily fuels and topography driven. Areas of opportunity/tactical advantage will be where slope reversals occur or fuel model changes. Once fire is established in timber understory or timber litter, fire spread will be by way of spotting, leading to short crown runs on steepest slopes. Eye-level winds > 8 mph and relative humidity < 30% will see significant increases in fire characteristics, including transition to canopy fuel involvement.


## AIR OPERATIONS

Visibility will be good throughout the fire area.  
 Sunrise: 7:01 am Sunset: 7:02 pm

## SAFETY


- Hazards throughout the fire area include: interior green islands and slopes, heavy surface fuel accumulations, needle-draped brush, ash pit/stump holes, fire weakened trees, and rolling material.
- For new starts, light flashy 1-hour fuels are the primary carrier of the fire. Rapid action is important prior to fire becoming established in heavier fuels.

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>				<b>3.</b>			
MENDOCINO COMPLEX				Branch:		Division/Group:  <b>A/G</b>	
<b>2. Operational Period:</b> 0700-1900							
Date/Time From: 09/25/2018 0700 TUE		Date/Time To: 09/25/2018 1900 TUE					
<b>4. Operations Personnel</b>							
OPERATIONS CHIEF		RAY REYES		DIVISION/GROUP SUPERVISOR		SHANNON BANKS	
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time		
ENG3 CA-MNF E-45 E-300816	10/05	WILLIAM MARCKS	4	UPPER LAKE /0745	UPPER LAKE/1945		
ENG7 CA-MNF PT-47 E-300790	09/25	NATHEN WEESE	2	UPPER LAKE /0745	UPPER LAKE/1945		
WTS2 PVT INGRAM E-300361	09/25	RYAN GRABBLE	1	UPPER LAKE /0745	UPPER LAKE/1945		
WTS2 PVT TURRI E-300362	09/29	CHRIS DEMO	1	UPPER LAKE /0745	UPPER LAKE/1945		
DO22 MNF 3 E-300169	10/03	SEAN LYNCH	4	UPPER LAKE /0745	UPPER LAKE/1945		
GRD PVT ULSH E-300707	09/28	DALE ULSH	1	UPPER LAKE /0745	UPPER LAKE/1945		
<b>6. Control Operations/Work Assignments:</b>							
Patrol and mop up as needed. Repair and maintain road network in accordance with suppression repair plan and engineering.							
<b>7. Special Instructions:</b>							
SELF SUFFICIENT IN UPPER LAKE							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1 - MNF FIRE NET	171.5500N		164.5000N	1,2,4,6,7	A	
TACTICAL	2 - NIFC T1	168.0500N		168.0500N		A	
AIR TO GROUND	13 - R5 A/G 14	167.5000N		167.5000N		A	
MEDICAL	15 - CALCORD	156.0750N		156.0750N	T6 - 156.7	A	
AIR GUARD	16 - AIR GUARD	168.6250N		168.6250N	T1 - 110.9	A	
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>	
JENNIFER MARTIN		ALAN TAYLOR 			09/24/2018	2100	




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MENDOCINO COMPLEX				<b>Branch:</b>		<b>Division/Group:</b>  H/I	
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Date/Time From: 09/25/2018 0700 TUE		Date/Time To: 09/25/2018 1900 TUE					
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		RAY REYES		<b>DIVISION/GROUP SUPERVISOR</b>		KRIS SCHROEDER	
<b>DIVISION SUPERVISOR</b>		DAN GUSE (T)					
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time		
HC2 SCORPIONS 5 C-300244	10/02	SCOTT WOOD	20	STONYFORD/0700	STONYFORD/1900		
HC2 BIRRUETA C-300242	09/30	JOSE IBARRA	20	STONYFORD/0700	STONYFORD/1900		
ENG6 PVT-FIRESTORM E-300773	10/04	JOSHUA BRADLEY	3	STONYFORD/0700	STONYFORD/1900		
WTS1 PRECISION E-300398	10/05	MIKE DAINAUSKUS	1	STONYFORD/0700	STONYFORD/1900		
WTS1 PVT-NORTHSTATE E-300402	10/09	MIKE CARPENTER	1	STONYFORD/0700	STONYFORD/1900		
WTS1 PVT CATTLE LACK RANCH E-300412	10/06	RANDY HORN	1	STONYFORD/0700	STONYFORD/1900		
WTS1 PVT-NORTHSTATE E-300500	10/06	SCOTT BICKERS	1	STONYFORD/0700	STONYFORD/1900		
WTS1 PVT TACTICAL TENDERS E-300656	10/03	ERIN JONES	1	STONYFORD/0700	STONYFORD/1900		
WTS2 PVT CUTTING EDGE E-300504	10/02	JUSTIN GARCIA	1	STONYFORD/0700	STONYFORD/1900		
WTS2 PVT DVBE-SBE E-300658	10/01	JERROD PARRIOTT	1	STONYFORD/0700	STONYFORD/1900		
WTS2 PVT-WALBERG E-300499	09/28	WES DURANT	1	STONYFORD/0700	STONYFORD/1900		
DO22 RIDGE LOGGING E-300672	10/06	DARRELL LANDINGHAM	1	STONYFORD/0700	STONYFORD/1900		
DO22 PVT RAY CECIL E-300736	10/06	RAY CECIL	2	STONYFORD/0700	STONYFORD/1900		
GRD PVT TOM J. DAVIS LIVESTOCK E-300809	10/04	CODY DAVIS	2	STONYFORD/0700	STONYFORD/1900		
GRD OWENS FREIGHT E-300810	10/04	RUSSEL PRESSEL	2	STONYFORD/0700	STONYFORD/1900		
GRD STATEWIDE E-300811	10/04	MIKE STUTESMAN	2	STONYFORD/0700	STONYFORD/1900		
EXCA TUB GRINDER RIDGE LOGGING E-300815		BRIAN FOCKNER		STONYFORD/0700	STONYFORD/1900		
EXCA PVT-LET-ER-BUCK E-300594	10/05	STEVE LASSEN	2	STONYFORD/0700	STONYFORD/1900		
TRAC PVT SELF LOADER E-300615	09/30	JAMIE SLACK	1	STONYFORD/0700	STONYFORD/1900		
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1 - MNF FIRE NET	171.5500N		164.5000N	1,2,4,6,7	A	
TACTICAL	2 - NIFC T1	168.0500N		168.0500N		A	
AIR TO GROUND	13 - R5 A/G 14	167.5000N		167.5000N		A	
MEDICAL	15 - CALCORD	156.0750N		156.0750N	T6 - 156.7	A	
AIR GUARD	16 - AIR GUARD	168.6250N		168.6250N	T1 - 110.9	A	
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>			<b>Date</b>		<b>Time</b>
JENNIFER MARTIN		ALAN TAYLOR 			09/24/2018		0826



**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic


<b>1. Incident Name:</b>				<b>3.</b>			
MENDOCINO COMPLEX				<b>Branch:</b>		<b>Division/Group:</b>  H/I	
<b>2. Operational Period:</b> 0700-1900							
Date/Time From: 09/25/2018 0700 TUE		Date/Time To: 09/25/2018 1900 TUE					
<b>4. Operations Personnel</b>							
<b>OPERATIONS CHIEF</b>		RAY REYES		<b>DIVISION/GROUP SUPERVISOR</b>		KRIS SCHROEDER	
<b>DIVISION SUPERVISOR</b>		DAN GUSE (T)					
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time		
TRAC PVT SELF LOADER E-300616	09/27	BUCK NETTLES	1	STONYFORD/0700	STONYFORD/1900		
CHIP PVT GREENOUS E-300604	09/28	NICK DROGOWSKE	2	STONYFORD/0700	STONYFORD/1900		
CHIP PVT BELLA WILDFIRE E-300644	09/30	BRENT WALSH	2	STONYFORD/0700	STONYFORD/1900		
CHIP PVT C & E EQUIP E-300611	10/07	CODY VINCENT	2	STONYFORD/0700	STONYFORD/1900		
CHIP NORTH ZONE E-300807	10/02	DUANE STACHER	2	STONYFORD/0700	STONYFORD/1900		
SKID W/ TRANSPORT BAMFORD 797 E-300796	10/02	TOSH WINCHESTER	1	STONYFORD/0700	STONYFORD/1900		
SKID W/ TRANSPORT BAMFORD 796 E-300796	10/02	JEREMY APPELYARD	1	STONYFORD/0700	STONYFORD/1900		
LOG LOADER W/ SKID BAMFORD 801 E-300796	10/03	MARK MCCLARREN	2	STONYFORD/0700	STONYFORD/1900		
LOG LOADER BAMFORD 800 E-300796	10/02	BO LUHEELIER	2	STONYFORD/0700	STONYFORD/1900		
TFLD O-301201	09/29	BRIAN WOLVERT	1	STONYFORD/0700	STONYFORD/1900		
TFLD O-301186	09/27	PATRICK CALLAHAN	1	STONYFORD/0700	STONYFORD/1900		
HEQB O-301180	10/04	JAMES SMITH	1	STONYFORD/0700	STONYFORD/1900		
SOFR O-301207	10/01	DAVID GLENN	1	STONYFORD/0700	STONYFORD/1900		
AMBU AMBULANCE 1 E-300083		MOUNTAIN MEDICS	2	STONYFORD/0700	STONYFORD/1900		
REAF O-301244	10/05	LEVI BATEMAN	1	STONYFORD/0700	STONYFORD/1900		
READ O-301013	09/27	RADEK GLEBOCKI	1	STONYFORD/0700	STONYFORD/1900		
THSP O-301241	10/05	FRANCISCO RICO	1	STONYFORD/0700	STONYFORD/1900		
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<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>			<b>Date</b>		<b>Time</b>
JENNIFER MARTIN		ALAN TAYLOR 			09/24/2018		0826

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<b>4. Operations Personnel</b>							
OPERATIONS CHIEF		RAY REYES		DIVISION/GROUP SUPERVISOR		KRIS SCHROEDER	
DIVISION SUPERVISOR		DAN GUSE (T)					
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time		
<b>6. Control Operations/Work Assignments:</b>							
Conduct suppression repair in accordance with the suppression repair plan. Backhaul equipment and trash. Mop up and monitor as needed.							
<b>7. Special Instructions:</b>							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
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JENNIFER MARTIN			ALAN TAYLOR 			09/24/2018	
						0826	




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MENDOCINO COMPLEX				<b>Branch:</b>		<b>Division/Group:</b>  J/K/L	
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<b>OPERATIONS CHIEF</b>		RAY REYES		<b>DIVISION/GROUP SUPERVISOR</b>		SHAWN BUTTERBACH	
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator	LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time		
HC2 OC 50 C-300243	10/03	FRED BURROWS	20	STONYFORD/0700	STONYFORD/1900		
WTT1 PVT HARDY E-300652	10/04	JOHN MARINO	1	STONYFORD/0700	STONYFORD/1900		
WTT1 PVT EL DORADO E-300699	09/27	ERIK STARKS	1	STONYFORD/0700	STONYFORD/1900		
WTS1 PVT WEINRICH E-300700	10/05	LUKE WEINRICH	1	STONYFORD/0700	STONYFORD/1900		
WTS2 PVT-BUCK E-300029	09/30	CHARLIE BRADLEY	2	STONYFORD/0700	STONYFORD/1900		
WTS2 PVT INGRAM E-300454	10/05	KEVIN MCGARR	1	STONYFORD/0700	STONYFORD/1900		
WTS3 PVT CUTTING EDGE E-300455	10/07	DAVE CARR	1	STONYFORD/0700	STONYFORD/1900		
EXCA ROBISON E-300637	10/01	KEVIN ROBISON	1	STONYFORD/0700	STONYFORD/1900		
GRD PVT WYCOFF, E-300636	09/30	BILLY WYCOFF	1	STONYFORD/0700	STONYFORD/1900		
FMOD - NORTH ZONE FALLERS O-301194	09/28	LUKE HELFINGSTINE	2	STONYFORD/0700	STONYFORD/1900		
TFLD O-301200	09/28	WARREN SWAB	1	STONYFORD/0700	STONYFORD/1900		
HEQB O-301195	09/28	CRAIG WILSON	1	STONYFORD/0700	STONYFORD/1900		
HEQB O-301197	09/28	JAMES SCHEID	1	STONYFORD/0700	STONYFORD/1900		
EMPF O-301217	10/04	JASON DOSH	1	STONYFORD/0700	STONYFORD/1900		
READ O-301047	10/03	PAIGE MAKOWSKI	1	STONYFORD/0700	STONYFORD/1900		
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1 - MNF FIRE NET	171.5500N		164.5000N	1,2,4,6,7	A	
TACTICAL	3 - NIFC T3	168.6000N		168.6000N		A	
AIR TO GROUND	13 - R5 A/G 14	167.5000N		167.5000N		A	
MEDICAL	15 - CALCORD	156.0750N		156.0750N	T6 - 156.7	A	
AIR GUARD	16 - AIR GUARD	168.6250N		168.6250N	T1 - 110.9	A	
<b>9. Prepared By (Resource Unit Leader)</b>		<b>Approved By (Planning Section Chief)</b>			<b>Date</b>	<b>Time</b>	
JENNIFER MARTIN		ALAN TAYLOR 			09/24/2018	0826	

**Division/Group Assignment List (ICS 204 WF)**  
Controlled Unclassified Information//Basic

<b>1. Incident Name:</b>				<b>3.</b>			
MENDOCINO COMPLEX				Branch:		Division/Group:  <b>J/K/L</b>	
<b>2. Operational Period:</b> 0700-1900							
Date/Time From: 09/25/2018 0700 TUE		Date/Time To: 09/25/2018 1900 TUE					
<b>4. Operations Personnel</b>							
OPERATIONS CHIEF		RAY REYES		DIVISION/GROUP SUPERVISOR		SHAWN BUTTERBACH	
<b>5. Resources Assigned this Period</b>							
Strike Team / Task Force / Resource Designator		LWD	Leader	Number Persons	Drop Off PT./Time	Pick Up PT./Time	
<b>6. Control Operations/Work Assignments:</b>							
Conduct Suppression repair in accordance with the Suppression repair plan. Backhaul equipment and trash. Mop up and monitor as needed.							
<b>7. Special Instructions:</b>							
<b>8. Division/Group Communication Summary</b>							
Function	Channel	RX Frequency N/W	RX Tone/NAC	TX Frequency N/W	TX Tone/NAC	Mode	
COMMAND	1 - MNF FIRE NET	171.5500N		164.5000N	1,2,4,6,7	A	
TACTICAL	3 - NIFC T3	168.6000N		168.6000N		A	
AIR TO GROUND	13 - R5 A/G 14	167.5000N		167.5000N		A	
MEDICAL	15 - CALCORD	156.0750N		156.0750N	T6 - 156.7	A	
AIR GUARD	16 - AIR GUARD	168.6250N		168.6250N	T1 - 110.9	A	
<b>9. Prepared By (Resource Unit Leader)</b>			<b>Approved By (Planning Section Chief)</b>		<b>Date</b>		<b>Time</b>
JENNIFER MARTIN			ALAN TAYLOR 		09/24/2018		0826



INCIDENT RADIO COMMUNICATIONS PLAN			Incident Name <b>MENDOCINO COMPLEX CA-MEU-008674</b>			Date/Time Prepared 09/24/18 1800hrs		Operational Period Date/Time 9/25/18 0700 To 1900	
Only frequencies listed on this 205 are authorized for use on this incident.			Hand programmers accept all responsibility for the use of unauthorized frequencies.						
Ch #	Function	Channel Name	Assignment	RX Freq N or W	RX Tone	TX Freq N or W	TX Tone	Mode	Remarks
1	MNF FIRE NET	MNF FIRE	COMMAND	171.5500 N		164.5000 N	TONES 1,2,4,6,7	A	WEST SIDE TONES 1,4,6,7 EAST SIDE TONES 1,2,6
2	NIFC TAC 1	NIFC T1	DIV A - G, H	168.0500 N		168.0500 N		A	
3	NIFC TAC 3	NIFC T3	DIV I - L	168.6000 N		168.6000 N		A	
4	MNF ADMIN	MNF ADMIN	INITIAL ATTACK	169.9750 N		169.1750 N	TONES 1,2,4,6,7	A	WEST SIDE TONES 1,4,6,7 EAST SIDE TONES 1,2,6
5	NIFC TAC 2	NIFC T2	INITIAL ATTACK	168.2000 N		168.2000 N		A	FOR INITIAL ATTACK ONLY
6	R5 TAC 4	R5 TAC 4	INITIAL ATTACK	166.5500 N		166.5500 N		A	FOR INITIAL ATTACK ONLY
7	R5 TAC 5	R5 TAC 5	INITIAL ATTACK	167.1125 N		167.1125 N		A	FOR INITIAL ATTACK ONLY
8	R5 TAC 6	R5 TAC 6	INITIAL ATTACK	168.2375 N		168.2375 N		A	FOR INITIAL ATTACK ONLY
9									
10									
11									
12									
13	AIR TO GROUND	R5 A/G 14	PRIMARY A/G	167.5000 N		167.5000 N		A	PRIMARY A/G
14	AIR TO GROUND	R5 A/G 59	SECONDARY A/G	169.1125 N		169.1125 N		A	SECONDARY A/G
15	CALCORD	CALCORD	ALL DIVISIONS	156.0750 N		156.0750 N	TONE 6	A	MEDI-VAC COORDINATION USE TONE 6
16	AIR GUARD	AIR GUARD	ALL DIVISIONS	168.6250 N		168.6250 N	TONE 1	A	EMERGENCY ONLY USE TONE 1
Prepared by 			Incident Location MENDOCINO COMPLEX ICP, MENDOCINO NATIONAL FOREST						

# MEDICAL PLAN (ICS 206 WF)

1. Incident/Project Name				2. Operational Period				Day/Night				
<b>MENDOCINO COMPLEX</b>				Date/Time				9/25/18 0700 - 1900				
3. Ambulance Services												
Name		Location			Phone & EMS Frequency		Advanced Life Support (ALS) Yes      No					
Mountain Ambulance 1		Div H (ICP Night)			Contact on Command		X					
Enloe Ambulance		Local EMS			911		X					
4. Air Ambulance Services												
Name		Phone			Type of Aircraft & Capability							
Reach      25 min eta		911			Air Ambulance – Willits, CA      Day/Night							
Enloe Flight Care      25 min eta		911			Air Ambulance- Chico, CA      Day/Night							
CHP      40 min eta		911			Hoist Rescue – Auburn, CA      Day only							
Calfire H-101, H-205      30 min eta		911			Hoist Rescue- Willits, CA & Vina, CA      Day only							
5. Hospitals												
Name & Level		GPS Datum – WGS 84 Degrees Decimal Minutes			Travel Time Air      Gnd		Phone		Helipad Yes      No		Address	
Colusa Regional Med. Cntr		Lat:	N39°12.353		15 min	1:10 min	530-619-0800	X		199 E. Webster Ave. Colusa, CA 95932		
		Long:	W121°59.987									
		VHF:										
Glenn Medical Center		Lat:	N39°31.359		15 min	48 min	530-934-1840 (ER)	X		1133 W. Sycamore, Willows, CA 95988		
		Long:	W122°12.471									
		VHF:										
Enloe Medical Center – Level II Trauma		Lat:	N39°44.517		25 min.	1:30 min	530-895-9107	X		1530 Esplanade, Chico, CA 95926		
		Long:	W121°51.018									
		VHF:										
UC Davis Level I Trauma/Burn Center		Lat:	N38°33.30		35 min.	2 hrs	916-734-3636 916-734-3790	X		2315 Stockton Blvd. Sacramento, CA		
		Long:	W121°27.33									
		VHF:										
6. Division / Crew Pre-plan. Update and discuss with assigned resources daily												
Crew EMTs & Equipment												
Fireline EMTs & Location												
Adv. Life Support?												
Air Hoist site:												
Lat: / Long:												
Helispot:												
Lat: / Long:												
Alternate no-fly plan:												
7. Remote Aid Stations												
Mendocino Medical Unit– ICP – Stonyford, CA N39°22.253 W122°32.284				Point of Contact:				Paramedic – John Daley (Cell: 415-378-6516)				
				EMS Responders & Capability:				Paramedic - Advanced Life Support				
				Equipment Available on Site:				Medical supplies				
				Ambulance ETA :				Air – 20 min.      Ground – 45 min.				
8. Prepared By (Medical Unit Leader)												
Josh Ramey – MEDL				9. Date/Time				10. Reviewed By (Safety Officer)				
9/24/18 1530				Jeff Barnhart – SOF2				11. Date/Time				
9/24/18 1530				9/24/18 1530								



# MEDICAL PLAN (ICS 206 WF)

## Medical Incident Report

### 1. CONTACT COMMUNICATIONS DECLARE: "MEDICAL EMERGENCY" OR "NON-EMERGENCY MEDICAL TRANSPORT"

Ex: "Communications, Div. Alpha. Stand-by for a medical emergency on Div. Alpha" (If life threatening request designated frequency be cleared for emergency traffic.)

### 2. INCIDENT STATUS:

Provide incident summary (including number of patients) and command structure. Ex: "Communications, I have a Red priority patient, unconscious, struck by a falling tree. Requesting air ambulance to Forest Road 1 at (Lat. / Long.) This will be the Trout Meadow Medical, IC is TFLD Jones. EMT Smith is providing medical care."

SEVERITY	TRANSPORT PRIORITY
<input type="checkbox"/> <b>URGENT-RED Life threatening injury or illness.</b> Ex: Unconscious, difficulty breathing, bleeding severely, 2° – 3° burns more than 4 palm sizes, heat stroke, disoriented.	Ambulance or MEDEVAC helicopter. Evacuation need is <b>IMMEDIATE.</b>
<input type="checkbox"/> <b>PRIORITY-YELLOW Serious Injury or illness.</b> Ex: Significant trauma, not able to walk, 2° – 3° burns not more than 1-2 palm sizes.	Ambulance or consider air transport if at remote location. Evacuation may be <b>DELAYED.</b>
<input type="checkbox"/> <b>ROUTINE-GREEN</b> Not a life threatening injury or illness. Ex: Sprains, strains, minor heat-related illness.	Non-Emergency. Evacuation considered <b>Routine of Convenience.</b>

<b>Nature of Injury or Illness &amp; Mechanism of Injury</b>		Brief Summary of Injury or Illness (Ex: Unconscious, Struck by Falling Tree)
<b>Transport Request</b>		Air Ambulance / Short-Haul/Hoist/ Ground Ambulance / Other
<b>Patient Location</b>		Descriptive Location & Lat. / Long. (WGS84)
<b>Incident Name</b>		Geographic Name + "Medical" (Ex: Trout Meadow Medical)
<b>On-Scene Incident Commander</b>		Name of on-scene IC of Incident within an Incident (Ex: TFLD Jones)
<b>Patient Care</b>		Name of Care Provider (Ex: EMT Smith)

### 3. INITIAL PATIENT ASSESSMENT: Complete this section for each patient. Start with most severe.

<b>Patient Assessment: (See IRPG page 106)</b>	<b>Treatment:</b>
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### 4. TRANSPORT PLAN:

**Evacuation Location** (if different): (Descriptive Location (drop point, intersection, etc.) or Lat. / Long.)

**Patient's ETA to Evacuation Location:**

**Helispot / Extraction Site Size and Hazards:**

### 5. ADDITIONAL RESOURCE/EQUIPMENT NEEDS:

- |  |  |                                      |  |                                 |
|--|--|--------------------------------------|--|---------------------------------|
| <input type="checkbox"/> Paramedic/EMT(s)                                  | <input type="checkbox"/> SKED/Backboard/C-Collar | <input type="checkbox"/> Crew(s)     | <input type="checkbox"/> Burn Supplies       | <input type="checkbox"/> Oxygen |
| <input type="checkbox"/> Trauma Bag  | <input type="checkbox"/> Medication(s)           | <input type="checkbox"/> IV/Fluid(s) | <input type="checkbox"/> Cardiac Monitor/AED |                                 |
| <input type="checkbox"/> Other (i.e. splints, rope rescue, wheeled litter) |  |                                      |  |                                 |

### 6. COMMUNICATIONS:

- |                                    |   |
|------------------------------------|---|
| - Run Medical Emergency on Command | - Coordinate with air ambulance on CALCORD tone 6 |
|------------------------------------|---|

### 7. CONTINGENCY:

Considerations: If primary options fail, what actions can be implemented in conjunction with primary evacuation method? Be thinking ahead.

### 8. ADDITIONAL INFORMATION: Updates / Changes, etc.

**REMEMBER:**

-Confirm ETA's of resources ordered	-Act according to your level of training
- If air or ground ambulance is <b>DELAYED</b> : Package and transport patient to rendezvous with incoming Ambulance. Re-route EMS helicopter to rendezvous point as appropriate.	

## INCIDENT SAFETY ANALYSIS 215A

Mendocino Complex/ CA-MEU-008674 - Day Shift, Tuesday September 25 <sup>th</sup> , 2018		
Location	Hazard	Control or Abatement Action (Engineering, Administrative, PPE, Avoidance, Education, etc)
All Divisions	Driving & Traffic	<ul style="list-style-type: none"> <li>~ Practice "Defensive Driving" techniques traveling on all roads and city streets.</li> <li>~ Use spotters &amp; Honk horn to alert personnel when backing.</li> <li>~ Follow Driving LCES (Lights, Chock blocks, Emergency brake, Seat belts).</li> <li>~ Always use headlights.</li> <li>~ Yield to pedestrians and bicycles.</li> <li>~ Observe posted speed limits.</li> <li>~ Use the 3 second rule for following distance when driving.</li> <li>~ Avoid distractions (eating, cell phones, radio).</li> <li>~ Ensure that windshields are kept clean of dust and bugs.</li> <li>~ Refer to "Smoke and Transportation Safety" IRPG Pg 31</li> <li>~ Refer to "Roadside Response Safety" IRPG Pg 26</li> </ul>
All Divisions	Hazard Trees	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG page 22.</li> <li>~ Post lookouts, or use a spotter in mop-up areas with personnel.</li> <li>~ Don't park vehicles or take breaks in high concentrations of hazard trees.</li> <li>~ Establish trigger points for disengagement during high wind events.</li> <li>~ Remember that the hazard zone extends a minimum of 2 1/2 tree heights.</li> </ul>
All Divisions	Chain Saw Operations	<ul style="list-style-type: none"> <li>~ Follow "Hazard Tree Safety" guidelines, IRPG Pg 22</li> <li>~ Follow "Procedural Felling Operations" IRPG Pg 85.</li> <li>~ Look up, Look down, Look around for hazard tree indicators.</li> <li>~ Only fell and buck trees within your expertise, and training.</li> <li>~ Do not fall trees during high wind events.</li> <li>~ Ensure proper use of all required PPE.</li> </ul>
All Divisions	Heavy Equipment Operations	<ul style="list-style-type: none"> <li>~ Refer to "Working with Heavy Equipment" IRPG Pg 86</li> <li>~ Ensure communications are established with operators.</li> <li>~ Use hand signals if other communications are unavailable.</li> <li>~ Maintain a 50'-100' exclusion area around equipment and increase it to 1 1/2 times tree height when in timber.</li> <li>~ Use a spotter when backing.</li> <li>~ Avoid working below heavy equipment.</li> </ul>
All Divisions	Injury & Medical Emergency	<ul style="list-style-type: none"> <li>~ Expect lengthy ground response/transport times.</li> <li>~ Utilize air transport if warranted and possible.</li> <li>~ Assist injured employee appropriate medical care.</li> <li>~ Use EMT's on Division for initial care.</li> <li>~ Follow "Emergency Medical Care" IRPG Pgs 105-118</li> <li>~ Follow procedures in Medical Plan, ICS 206</li> <li>~ Refer to "Planning for Medical Emergencies" IRPG Pg 2</li> </ul>



## INCIDENT SAFETY ANALYSIS 215A

All Divisions	Steep Terrain & Rolling Debris	<ul style="list-style-type: none"> <li>~ Maintain 8'-10' spacing when working &amp; walking.</li> <li>~ Don't work above any personnel.</li> <li>~ Be on the lookout for rolling rocks, debris, or burning material.</li> <li>~ Evaluate necessity to send personnel in areas with limited access.</li> <li>~ Post lookouts IRPG Pg 7</li> </ul>
All Divisions	Fatigue & Over Exertion	<ul style="list-style-type: none"> <li>~ Drink 1 quart of water each hour during and after work.</li> <li>~ Rotate crews out of smoky areas.</li> <li>~ Set a reasonable work pace and allow adequate rest breaks while on the project.</li> <li>~ Stagger work crews start time to limit fatigue.</li> <li>~ Use buddy system to monitor personnel of heat related and fatigue issues.</li> <li>~ Follow work / rest guidelines.</li> </ul>
All Divisions	Fireline Hazards	<ul style="list-style-type: none"> <li>~ Watch for falling and rolling debris on steep slopes.</li> <li>~ Alert crew personnel of rolling debris by yelling to affected individuals.</li> <li>~ Position debris that could roll vertically on slope.</li> <li>~ Avoid stepping over debris that could roll by walking around object.</li> <li>~ Use caution when working around stump holes/ash pits.</li> <li>~ Avoid radiant heat by wearing appropriate PPE correctly.</li> <li>~ Use correct tool for task assigned.</li> <li>~ Flag and isolate all HAZMAT and alert all personnel working in Division.</li> </ul>
All Divisions	Poisonous Plants	<ul style="list-style-type: none"> <li>~ Identify and Avoid hazard areas.</li> <li>~ Launder clothing.</li> <li>~ Shower frequently.</li> </ul>
All Divisions	Unplanned Public Interaction	<ul style="list-style-type: none"> <li>~ Be alert to non-fire personnel in areas with suppression personnel. (HUNTERS)</li> <li>~ All non-fire personnel will be escorted while on fireline.</li> <li>~ Post lookouts to in areas with public to avoid conflicts with mission tasks.</li> <li>~ Ensure sufficient security to restrict access to exclusion area.</li> </ul>
All Divisions	Communications	<ul style="list-style-type: none"> <li>~ Maintain communication with aviation resources, and suppression organization.</li> <li>~ Ensure all know frequency and protocol for contacting resources.</li> <li>~ Utilize the ICS 205.</li> <li>~ Utilize human repeaters when working in dead spots.</li> </ul>

## INCIDENT SAFETY ANALYSIS 215A

All Divisions	Heat Related Illness (HRI)& Dehydration	<ul style="list-style-type: none"> <li>~ Refer to Heat Related Illness information, IRPG Pg 109</li> <li>~ Drink Fluids throughout operational period (6-8 qts/shift).</li> <li>~ Maintain water/electrolyte ratio of 3 to 1.</li> <li>~ Maintain proper nutrition.</li> <li>~ Carry extra water on line and cache water at drop points.</li> <li>~ Take Frequent breaks, minimum of 10 minutes every hour.</li> <li>~ Allow out of area resources time to acclimatize before expecting peak performance.</li> <li>~ Recognize symptoms of HEAT RELATED ILLNESS which include.                             <ul style="list-style-type: none"> <li>o Lack of energy</li> <li>o Headaches, dizziness</li> <li>o Lack of rest</li> <li>o No hunger, poor eating habits</li> <li>o Hot skin, and lack of sweating</li> </ul> </li> </ul>
All Divisions	Wildlife & Livestock	<ul style="list-style-type: none"> <li>~ Watch out for wildlife &amp; livestock inside fire area, CAMP, and along roadways.                             <ul style="list-style-type: none"> <li>- Bear - Elk - Deer - Rattlesnakes</li> </ul> </li> <li>~ Clean up all debris and trash during each operational period.</li> </ul>
All Divisions	School Zone Safety	<ul style="list-style-type: none"> <li>~Avoid traveling through the school zone between 0800 and 0900 hrs. if possible</li> <li>~Take extra precautions through the school zone in Stonyford (be extra cautious, drive slower than normal, etc.)</li> </ul>
All Divisions	ICP Sleeping Areas	<ul style="list-style-type: none"> <li>~Ensure that campsite locations are pre-identified and flagged</li> <li>~Use glow sticks to ensure that vehicles stay away from sleeping areas.</li> </ul>



## **TRANSFER OF COMMAND**

### **Operational Engagement Category**

Risks to fireline personnel increase significantly during transfer of command periods regardless of the size or complexity of the incident. There is a high potential for fatalities, serious injuries, or incidents with potential during transfer of command periods (some have occurred in the past). Be proactive in mitigating the risks by proper implementation of LCES—Lookout, Communications, Escape Routes, and Safety Zones.

Factors for increased risks to fireline personnel during transition periods include:

No, or poor, briefing of incoming personnel Lack of fire weather and behavior information, both forecast and observed Communications; face-to-face briefings may not be possible and radio frequencies may be overextended and/or changing due to the increased demands on the system. Initial attack resources may not have checked-in and the Incident Commander may not be aware of the number, type and location of all resources. Location of safety zones and escape routes may not be known and communicated to all resources. Not all Resources know who is in command.

Mitigation actions to take:

Lookouts: Post and maintain your own lookouts. Communications: Maintain existing communications with your own and adjacent resources, as well as your original supervisor, while you are developing communications with incoming adjacent resources and your new supervisor. Escape routes and safety zones: Identify escape routes and assure incoming resources are aware of their locations; be aware that your original escape routes and safety zones may no longer be accessible due to changing fire behavior or your increased distance from them. Transition at the morning briefing Utilize the Incident Response Pocket Guide transition checklist

